



Sixnet Ethernet Series

INDUSTRIAL SWITCHES



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Sixnet Ethernet Series

Sixnet industrial Ethernet switches combine enterprise-class performance with rugged reliability to provide a “best of both worlds” solution for many of today’s industrial applications. Our hardened switches are ideally suited for harsh and outdoor environments that include oil and gas, water/wastewater power, transportation and other industries where real-time performance under extreme operating conditions is required.

rugged reliable

devices



Advanced

Extremeline (EL) Layer 2 & 3 Ethernet Switches

- **Innovative enterprise-class networking in a rugged package**
 - Advanced security features prevent unauthorized access
 - QoS traffic classification ensures real-time message delivery
 - Sophisticated multicast controls reduce traffic
 - Built-in redundancy ensures quick failover
 - Powerful network management and plug-and-play functionality simplify deployment
 - DIN-rail and rack mount form factors



LAYER 2 PART NUMBER	TYPE	TOTAL PORTS	FAST ETHERNET		GIGABIT ETHERNET		INGRESS PROTECT	MOUNTING & CASE	OPERATING TEMP
			10 / 100	100 FIBER	10 / 100 / 1000	GIG FIBER			
EL228-A0-1 single universal AC/DC power input	Managed	28	up to 24	up to 26	4	up to 2	IP50	19" rack	-40 to 85° C
EL228-AA-1 dual universal AC/DC power inputs	Managed	28	up to 24	up to 26	4	up to 2	IP50	19" rack	-40 to 85° C
EL228-DO-1 single 18-75 VDC power input	Managed	28	up to 24	up to 26	4	up to 2	IP50	19" rack	-40 to 85° C
EL228-DD-1 dual 18-75 VDC power inputs	Managed	28	up to 24	up to 26	4	up to 2	IP50	19" rack	-40 to 85° C
EL121F-AC-V1 single universal AC/DC power input	Managed	12	up to 8	up to 12	up to 4	up to 4	IP40	DIN rail - metal	-40 to 85° C
EL121F-DC-V1 dual redundant 18-59 VDC power inputs	Managed	12	up to 8	up to 12	up to 4	up to 4	IP40	DIN rail - metal	-40 to 85° C

LAYER 3 PART NUMBER	TYPE	TOTAL PORTS	GIGABIT ETHERNET		OPTIONAL 10 GIG PORTS	INGRESS PROTECT	MOUNTING & CASE	OPERATING TEMP
			10 / 100 / 1000	GIG FIBER				
EL326-A0-1 single universal AC/DC power input	Managed	26	24	up to 4	up to 2	IP40	19" rack	-35 to 75° C
EL326-AA-1 dual universal AC/DC power inputs	Managed	26	24	up to 4	up to 2	IP40	19" rack	-35 to 75° C
EL326-DO-1 single 18-59 VDC power input	Managed	26	24	up to 4	up to 2	IP40	19" rack	-35 to 75° C
EL326-DD-1 dual 18-59 VDC power inputs	Managed	26	24	up to 4	up to 2	IP40	19" rack	-35 to 75° C

Standard

SlimLine Plus (SLX) Ethernet Switches



- **Versatile networking solutions**
 - Managed, unmanaged, ring and PoE switches
- **Flexible deployment options**
 - 3 to 18 port DIN-rail style
 - Plug-and-play functionality works out of box
 - Fast redundant ring and mesh network support
- **Hardened for the toughest applications**
 - Supports temperatures ranging from -40 to 75/85° C
 - Class I, Div 2 and Zone 2 hazardous locations

Advanced features and security

- Configurable network management
- Real-time data access and prioritization
- Modbus monitoring capable

PART NUMBER	TYPE	TOTAL PORTS	FAST ETHERNET		GIGABIT ETHERNET		INGRESS PROTECT	MOUNTING & CASE	OPERATING TEMP
			10 / 100	100 FIBER	10 / 100 / 1000	GIG FIBER			
SLX-5MS-1	Managed	5	5	—	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-5MS-4/5	Managed	5	3	2	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-5MS-MDM-1	Managed	5	5	—	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-8MS-1	Managed	8	8	—	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-8MS-4/5/8/9	Managed	8	4 or 6	2 or 4	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-8MG-1	Managed	8	—	up to 4	8	up to 4	IP40	DIN rail - metal	-40 to 75° C
SLX-10MG-1	Managed	10	7	up to 2	3	up to 2	IP40	DIN rail - metal	-40 to 75° C
SLX-16MS-1	Managed	16	16	—	—	—	IP40	DIN rail - metal	-40 to 75° C
SLX-18MG-1	Managed	18	16	up to 2	2	up to 2	IP40	DIN rail - metal	-40 to 75° C
EB-5ES-PSE-1	Unmanaged	5	5 (4 PoE)	—	—	—	IP40	DIN rail - Lexan	-40 to 75° C
SLX-3ES-2/3	Unmanaged	3	2	1	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-3EG-1SFP	Unmanaged	3	—	—	2	1	IP40	DIN rail - metal	-40 to 85° C
SLX-5EG-1	Unmanaged	5	—	—	5	—	IP40	DIN rail - metal	-40 to 85° C
SLX-5ES-1	Unmanaged	5	5	—	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-5ES-2/3	Unmanaged	5	4	1	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-6ES-4/5	Unmanaged	6	4	2	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-8ES-1	Unmanaged	8	8	—	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-8ES-6/7	Unmanaged	8	5	3	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-9ES-2/3	Unmanaged	9	8	1	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-6RS-1	Ring	6	6	—	—	—	IP40	DIN rail - metal	-40 to 85° C
SLX-6RS-4/5	Ring	6	4	2	—	—	IP40	DIN rail - metal	-40 to 85° C

Light

SlimLine (SL) Ethernet Switches

- **Robust-edge devices**
 - Unmanaged and ring switches
- **Flexible deployment options**
 - 2 to 9 port DIN-rail or panel mount
 - Plug-and-play functionality works out of box
- **Trouble-free operation**
 - Ultra-reliable 1,000,000+ hours MTBF
 - Dual power inputs with industrial spike protection
- **Industrial indoor rated**
 - Class I, Div 2 and Zone 2 hazardous locations



PART NUMBER	TYPE	TOTAL PORTS	FAST ETHERNET		GIGABIT ETHERNET		INGRESS PROTECT	MOUNTING & CASE	OPERATING TEMP
			10 / 100	100 FIBER	10 / 100 / 1000	GIG FIBER			
SL-2ES-2/3	Unmanaged	2	1	1	—	—	IP30	DIN rail - Lexan	-10 to 60° C
SL-5ES-1	Unmanaged	5	5	—	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-5ES-2/3	Unmanaged	5	4	1	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-6ES-4/5	Unmanaged	6	4	2	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-8ES-1	Unmanaged	8	8	—	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-9ES-2/3	Unmanaged	9	8	1	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-6RS-1	Ring	6	6	—	—	—	IP30	DIN rail - Lexan	-40 to 60° C
SL-6RS-4/5	Ring	6	4	2	—	—	IP30	DIN rail - Lexan	-40 to 60° C

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"Sixnet is offering specialized 'rugged' infrastructure solution packages that provide the kind of durability, reliability and redundancy needed to get the job done." — Smart Technology

"Managed switch delivers 'lowest cost ownership'." — Drives & Controls



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About

As the global experts in communication, monitoring and control for industrial automation, Red Lion has been delivering innovative solutions to customers for forty years. Our award-winning technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, Sixnet and N-Tron. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is a Spectris company.

Visit www.redlion.net/sixnet, email info@redlion.net or call +1 (518) 877-5173 to learn more.

